

FIG. 1

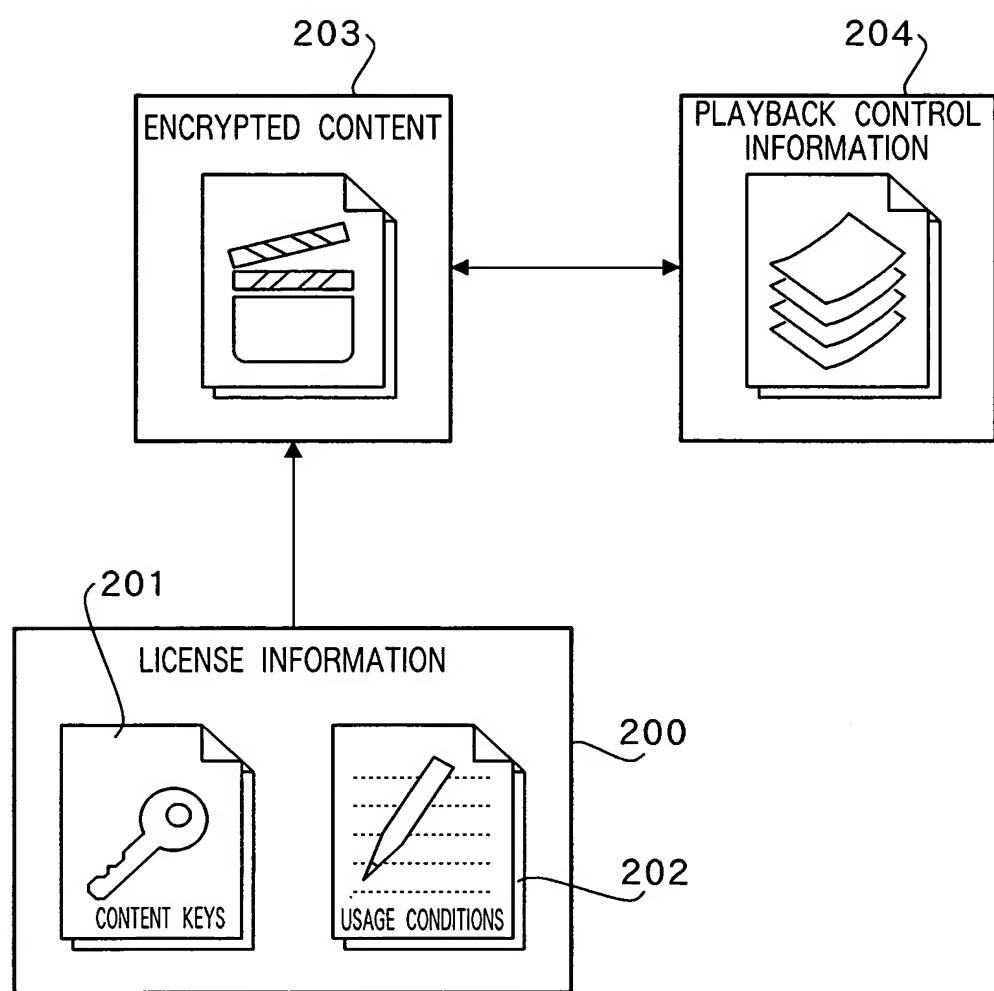


FIG. 2

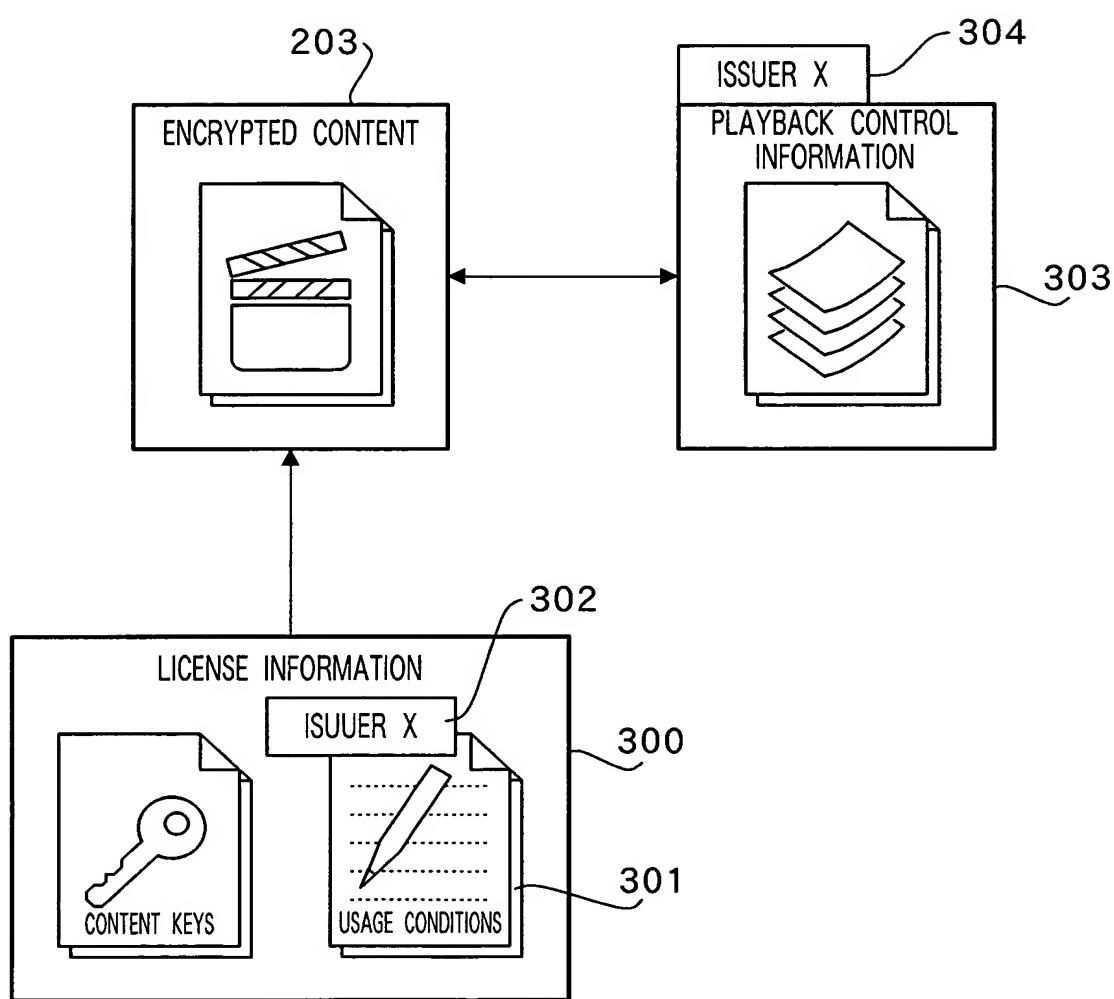


FIG. 3

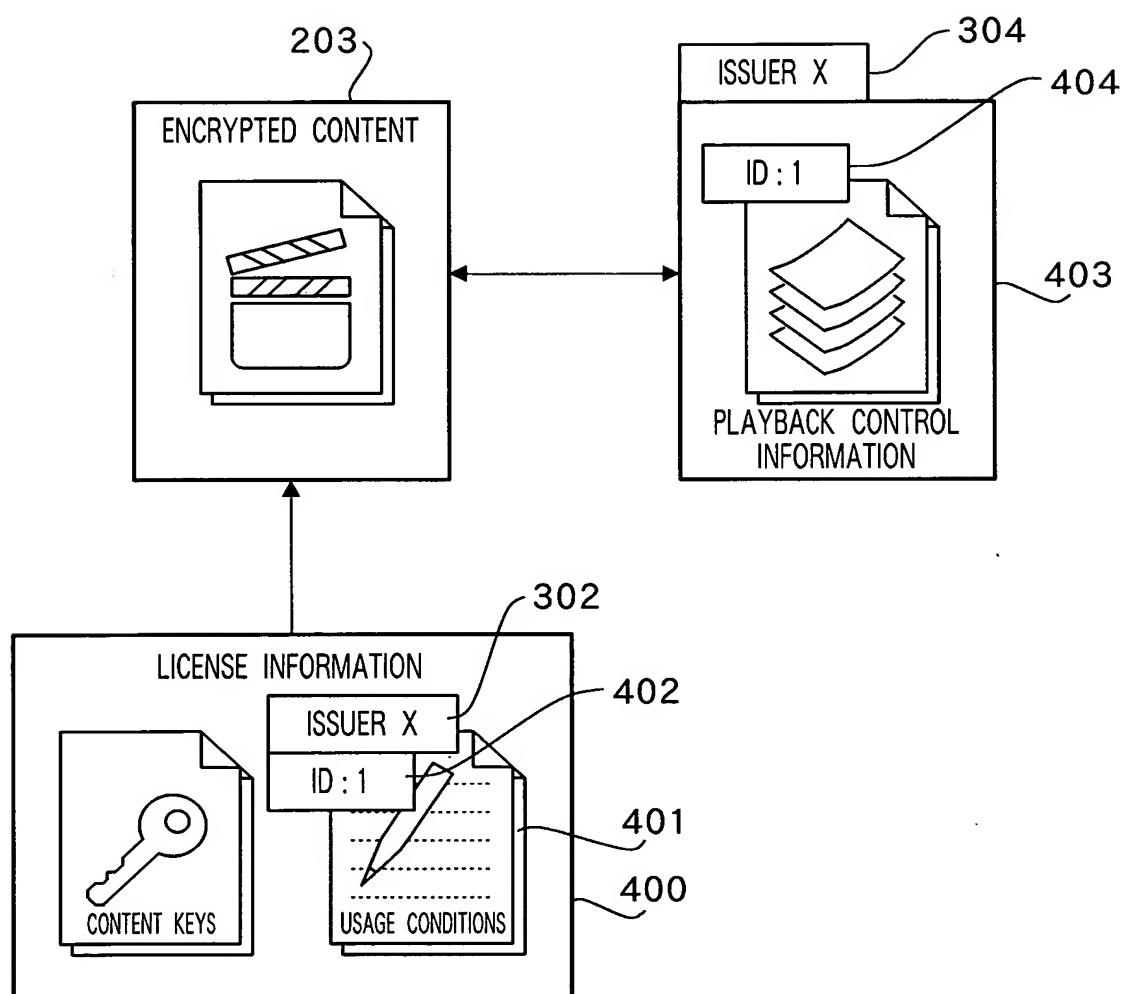


FIG. 4

500

```
<complexType name="PlayControl">
  <sequence>
    <element name="play" type="ModeType"/>
    <element name="stop" type="ModeType"/>
    <element name="pause" type="ModeType"/>
    <element name="forward" type="ModeType"/>
    <element name="rewind" type="ModeType"/>
    <element name="skip" type="ModeType"/>
    <element name="jump" type="ModeType"/>
    <element name="record" type="ModeType"/>
    <element name="copy" type="ModeType"/>
  </sequence>
  <attribute name="segmentRef" type="tva:TVAIDType" use="required"/>
</complexType>
<complexType name="ModeType">
  <attribute name="mode" type="boolean" default="false"/> ～ 502
</complexType>
```

501

FIG. 5

600a

```

<ProgramDescription>
  <SegmentInformationTable>
    <SegmentList>
      <SegmentInformation segmentId="S27A67758-E714-4a4e-B994-3B650A443699">
        <ProgramRef crid="crid://sport.com/football/match10"/>
        <Description> 604a
          <Title xml:lang="ja">
            Japan vs England(1st half) ～ 601a
          </Title>
          <Synopsis xml:lang="ja">
            World Cup soccer final ～ 602a
            Japan vs England
            1st half
          </Synopsis>
        </Description>
        <SegmentLocator>
          <mpeg7:MediaRelIncrTimePoint mediaTimeUnit="PT1N25F">
            0
          </mpeg7:MediaRelIncrTimePoint>
          <mpeg7:MediaIncrDuration mediaTimeUnit="PT1N25F">
            450000
          </mpeg7:MediaIncrDuration>
        </SegmentLocator> 603b
      </SegmentInformation>
      <SegmentInformation segmentId="S046C7C0F-BF83-4b4d-969E-204E8E82CF7C">
        <ProgramRef crid="crid://sport.com/football/match10"/>
        <Description> 604b
          <Title xml:lang="ja"> 604b
          Japan vs England (CM) ～ 601b
        </Title>
        <Synopsis xml:lang="ja">
          Sponsor ～ 602b
          panasonic
        </Synopsis>
      </Description>
      <SegmentLocator>
        <mpeg7:MediaRelIncrTimePoint mediaTimeUnit="PT1N25F">
          450000
        </mpeg7:MediaRelIncrTimePoint>
        <mpeg7:MediaIncrDuration mediaTimeUnit="PT1N25F">
          500000
        </mpeg7:MediaIncrDuration>
      </SegmentLocator>
    </SegmentInformation>
  
```

600b

603c

```

<SegmentInformation segmentId="S5117353A-F598-4del-968E-8C3D134C7642">
  <ProgramRef crid="crid://sport.com/football/match10"/>
  <Description> 604c
    <Title xml:lang="ja">
      Japan vs England(2nd half) ～ 601c
    </Title>
    <Synopsis xml:lang="ja">
      World Cup soccer final ～ 602c
      Japan vs England
      2nd half
    </Synopsis>
  </Description>
  <SegmentLocator>
    <mpeg7:MediaRelIncrTimePoint media TimeUnit="PT1N25F">
      500000
    </mpeg7:MediaRelIncrTimePoint>
    <mpeg7:MediaIncrDuration media TimeUnit="PT1N25F">
      950000
    </mpeg7:MediaIncrDuration>
  </SegmentLocator>
  </SegmentInformation>
</SegmentList>
  610
<SegmentGroupList>
  <SegmentGroupInformation groupId="G92F0C707-2ECB-403a-88FC->
  89EEF7961034" 615
    <ProgramRef crid="CRID://sport.com/football/match10"/>
    <GroupType xsi:type="SegmentGroupTypeType" value="highlights/events"/>
    <Description>
      <Title xml:lang="ja">World Cup soccer final</Title> ～ 608
      <Synopsis xml:lang="ja">Japan vs England</Synopsis> ～ 609
    </Description>
    <Segments refList="S27A67758-E714-4a4e-B994-3B650A443699">
      S046C7C0F-BF83-4b4d-969E-204E8E82CF7C
      S5117353A-F598-4del-968E-8C3D134C7642"/>
    <PlayControl segmentRef="S046C7C0F-BF83-4b4d-969E-204E8E82CF7C">
      <forward mode="false"/> ～ 614a 613
      <Skip mode="false"/> ～ 614b
      <Jump mode="false"/> ～ 614c
    </PlayControl>
  </SegmentGroupInformation>
</SegmentGroupList>
</SegmentInformationTable>
</ProgramDescription>

```

600C

605c

606c

611

612

607

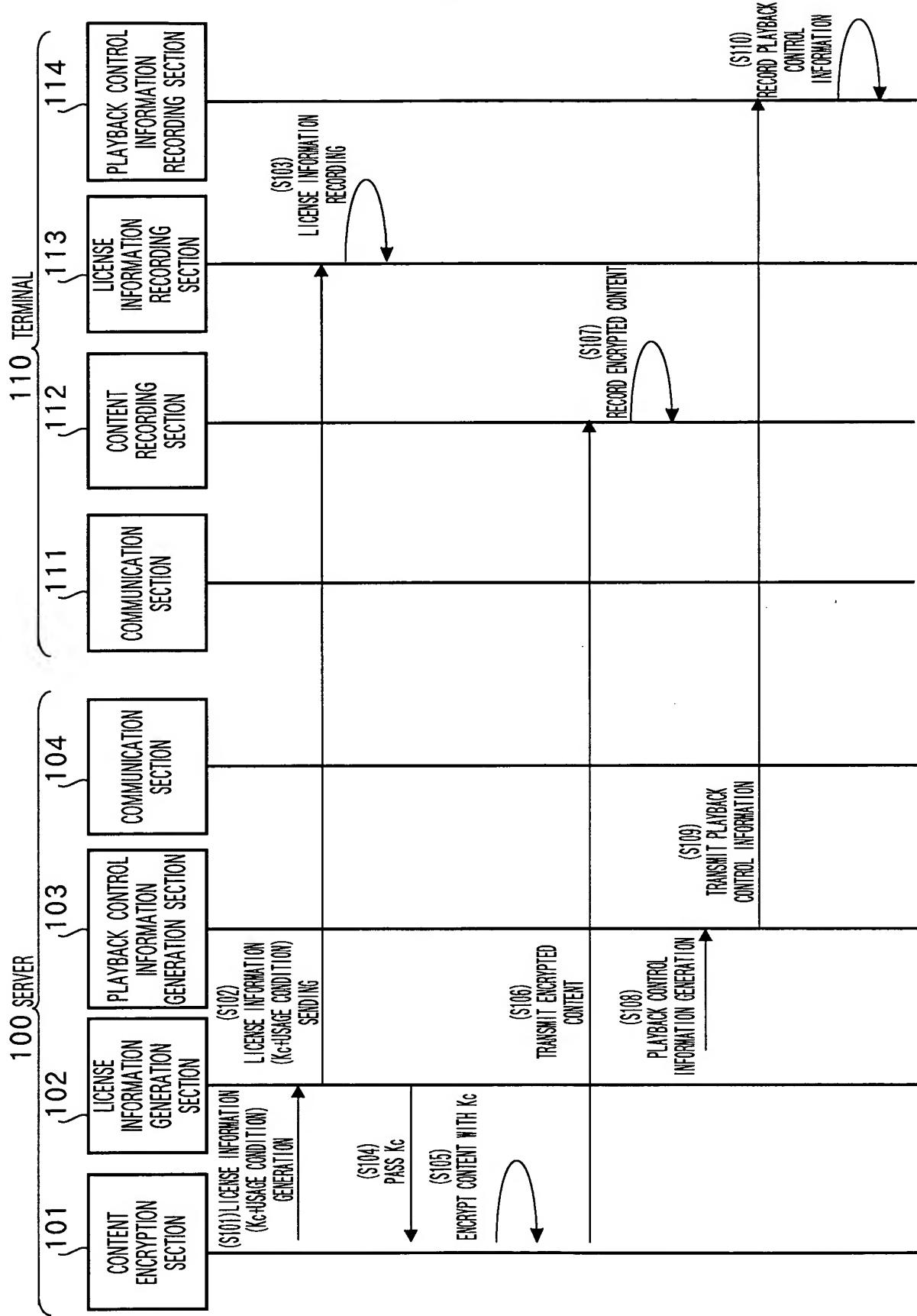


FIG. 8

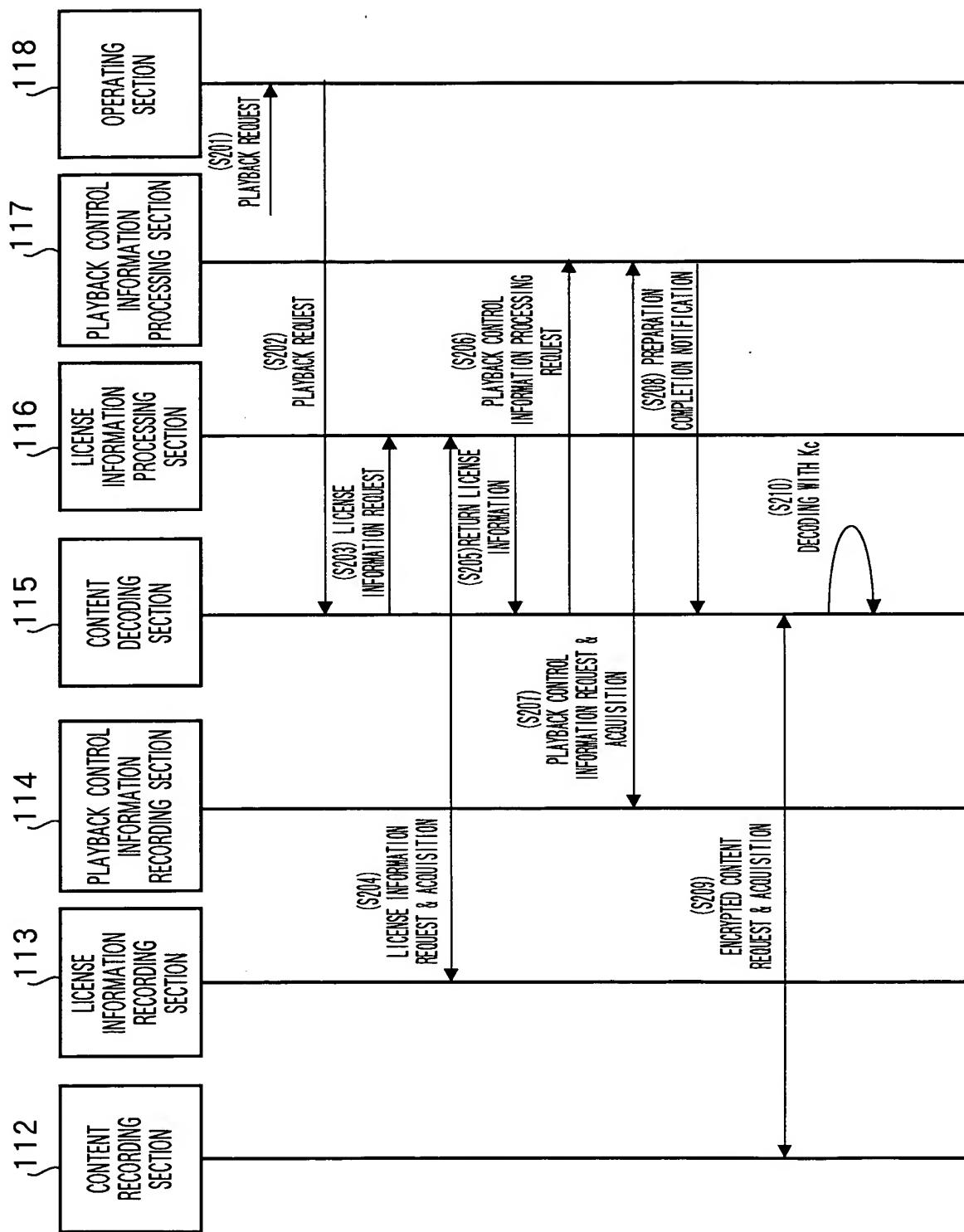


FIG. 9

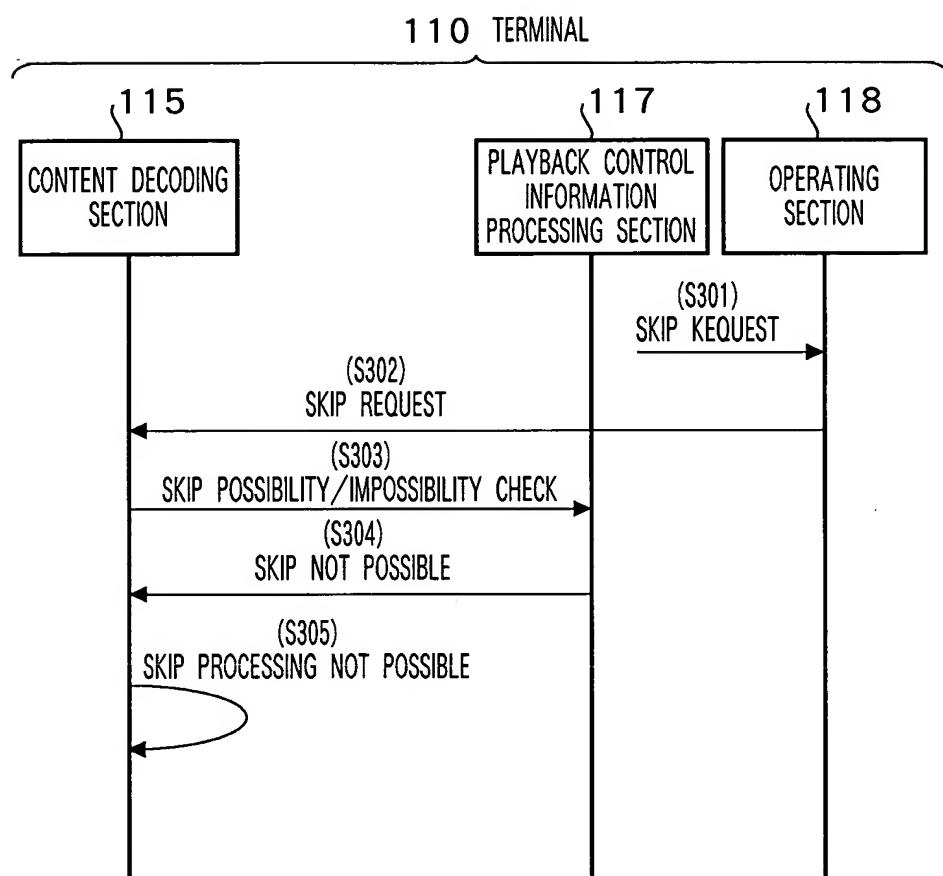


FIG.10

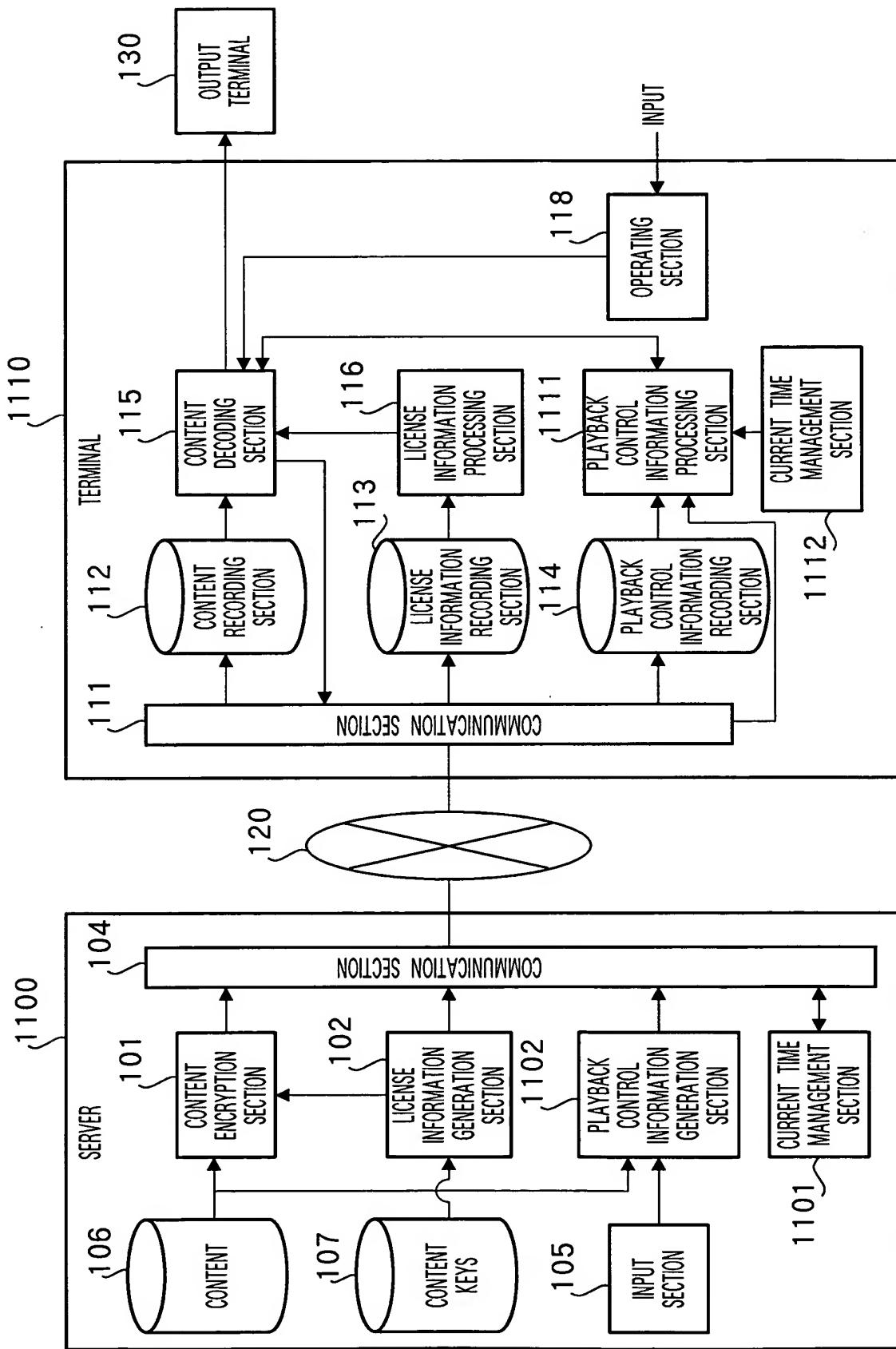


FIG. 11

```
<complexType name="SegmentInformationType">
  <sequence>
    (...)
    <element name="ViewingRestriction" type="ViewingRestrictionType" />
    (...)
    <sequence>
      </sequence>
    </complexType>
  <complexType name="ViewingRestrictionType">
    <sequence>
      <element name="TimeRange" type="TimeRangeType" />
    </sequence>
    </complexType>
  <complexType name="TimeRangeType">
    <attribute name="enable" type="boolean" use="optional" /> ~1208
    <attribute name="start" type="time" use="optional" /> ~1203
    <attribute name="end" type="time" use="optional" /> ~1204
    <attribute name="queryLocation" type="queryLocationType" use="optional" /> ~1205
  </complexType>
<simpleType name="queryLocationType">
  <restriction base="string">
    <enumeration value="terminal" /> ~1206
    <enumeration value="server" /> ~1207
  </restriction>
</simpleType>
```

FIG. 12

```

<SegmentInformation segmentId="S5117353A-F598-4de1-968E- ~ 1301
8C3D134C7642">
<ProgramRef crid="crid://sport.com/football/match10"/> ~ 1302
<Description>
<Title xml:lang="ja">
Japan vs England(2nd half) ~ 1303
</Title>
<Synopsis xml:lang="ja">
World Cup soccer final ~ 1304
Japan vs England
2nd half
</Synopsis>
</Description>
<SegmentLocator>
<mpeg7:MediaRelIncrTimePoint media TimeUnit="PT1N25F">
500000
1300
</mpeg7:MediaRelIncrTimePoint>
<mpeg7:MediaIncrDuration media TimeUnit="PT1N25F">
950000
1305
</mpeg7:MediaIncrDuration>
<SegmentLocator>
<ViewingRestriction>
<TimeRange enable="false" start="19:00:00" end="21:00:00" >
1306
1310
queryLocation="server" />
</ViewingRestriction>
</SegmentInformation>

```

FIG.13

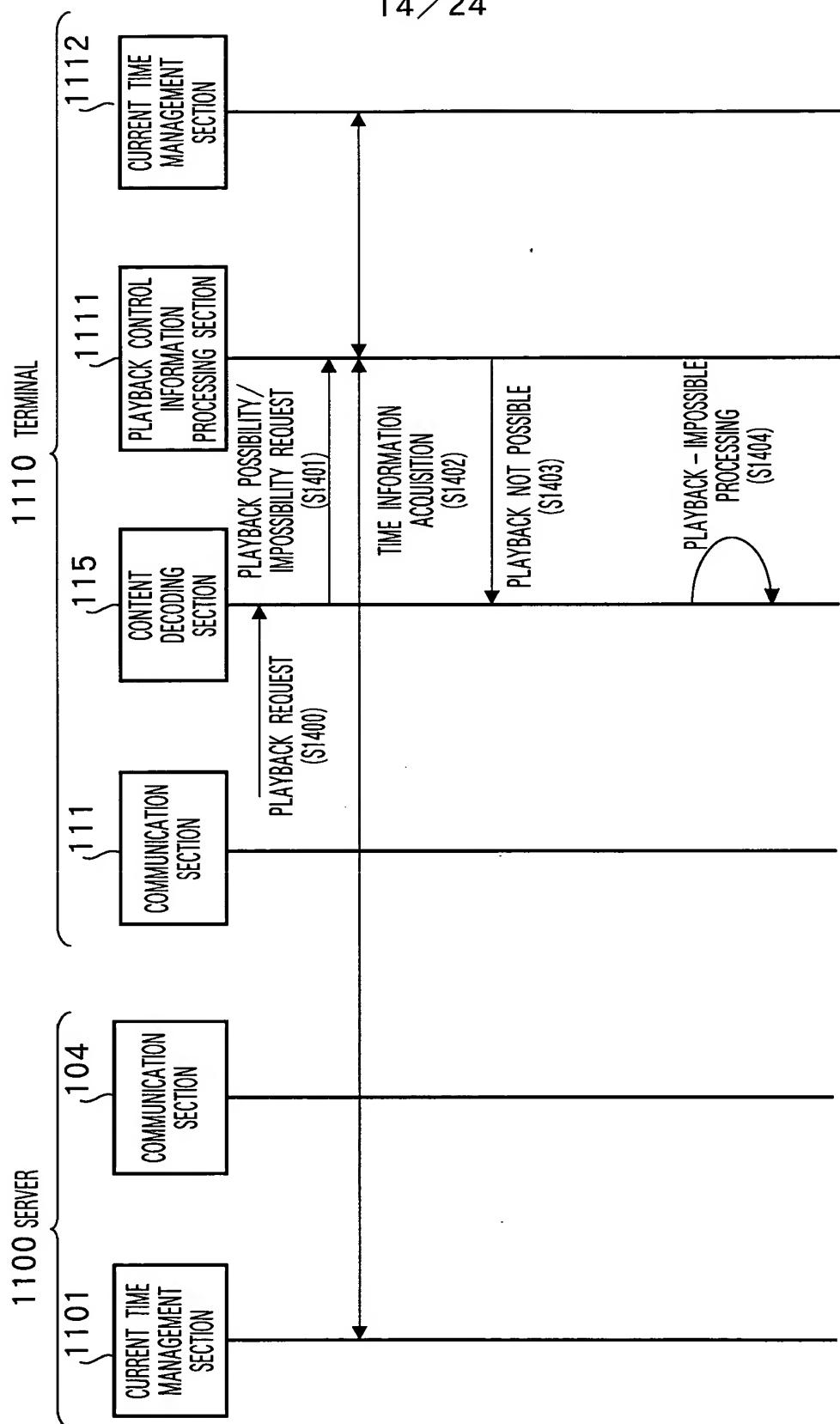


FIG. 14

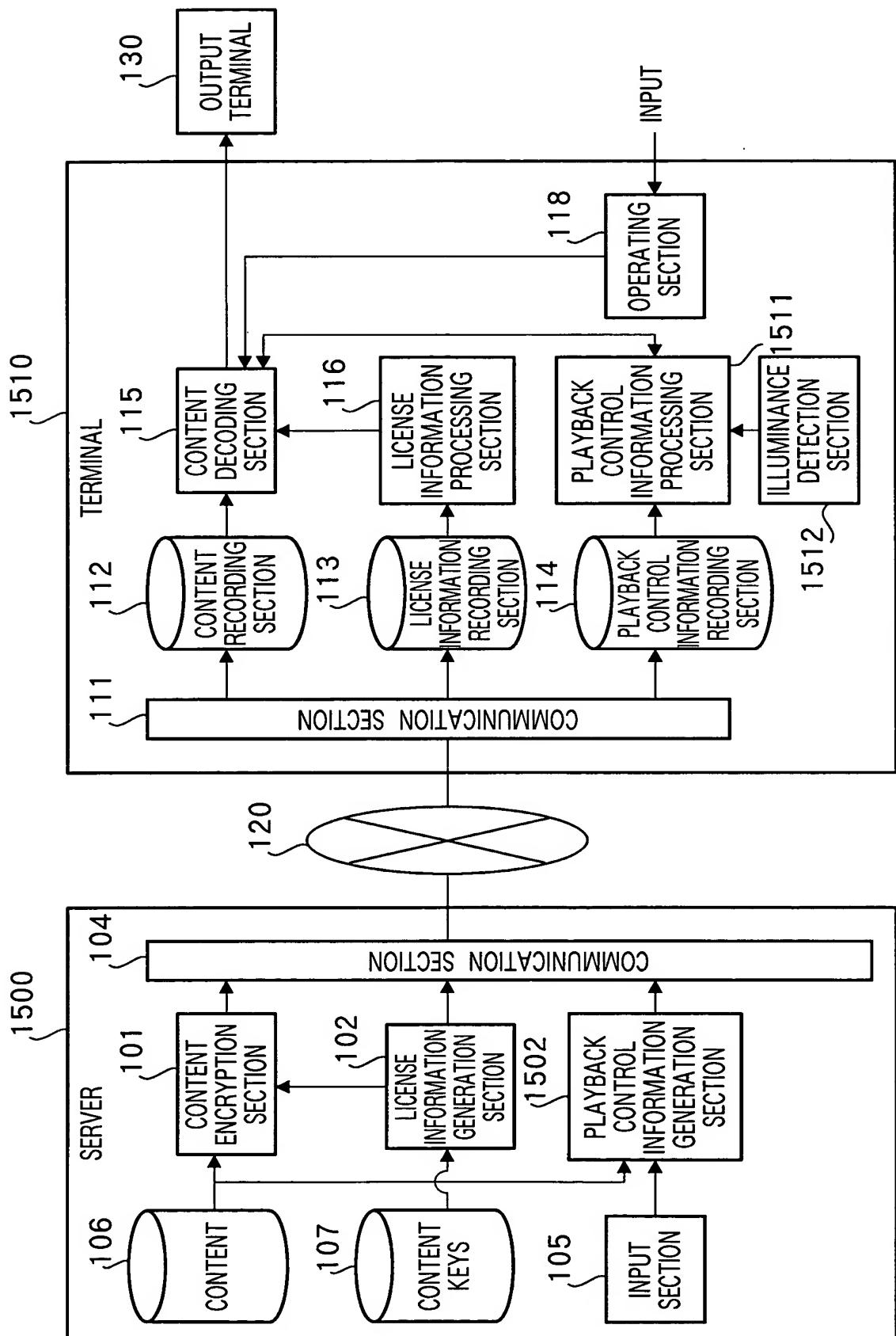


FIG. 15

```

<complexType name="SegmentInformationType">
  <sequence>
    (...)

    <element name="ViewingRestriction" type="ViewingRestrictionType" />
    (...)

  </sequence>
</complexType>

<complexType name="ViewingRestrictionType">
  <sequence>
    <element name="BrightnessRange" type="BrightnessRangeType" />
  </sequence>
</complexType>

<complexType name="BrightnessRangeType">
  <sequence>
    <attribute name="enable" type="boolean" use="optional" />
    <attribute name="minimum" type="nonNegativeInteger" use="optional" />
    <attribute name="maximum" type="nonNegativeInteger" use="optional" />
  </sequence>
</complexType>

```

1600

FIG. 16

```

<SegmentInformation segmentId="S5117353A-F598-4del-968E- ~1301
8C3D134C7642">
  <ProgramRef crid="crid://sport.com/football/match10"/> ~1302
  <Description>
    <Title xml:lang="ja">
      Japan vs England(2nd half) ~ 1303
    </Title>
    <Synopsis xml:lang="ja">
      World Cup soccer final ~ 1304
      Japan vs England
      2nd half
    </Synopsis>
  </Description>
  <SegmentLocator>
    <mpeg7:MediaRelIncrTimePoint media TimeUnit="PT1N25F">
      500000
    </mpeg7:MediaRelIncrTimePoint>
    <mpeg7:MediaIncrDuration media TimeUnit="PT1N25F">
      950000
    </mpeg7:MediaIncrDuration>
    <mpeg7:MediaIncrDuration>
      1602
    </mpeg7:MediaIncrDuration>
    <SegmentLocator>
      <ViewingRestriction>
        <BrightnessRange enable="true" minimum="1500" />
      </ViewingRestriction>
    </SegmentInformation>
  
```

1700

FIG. 17

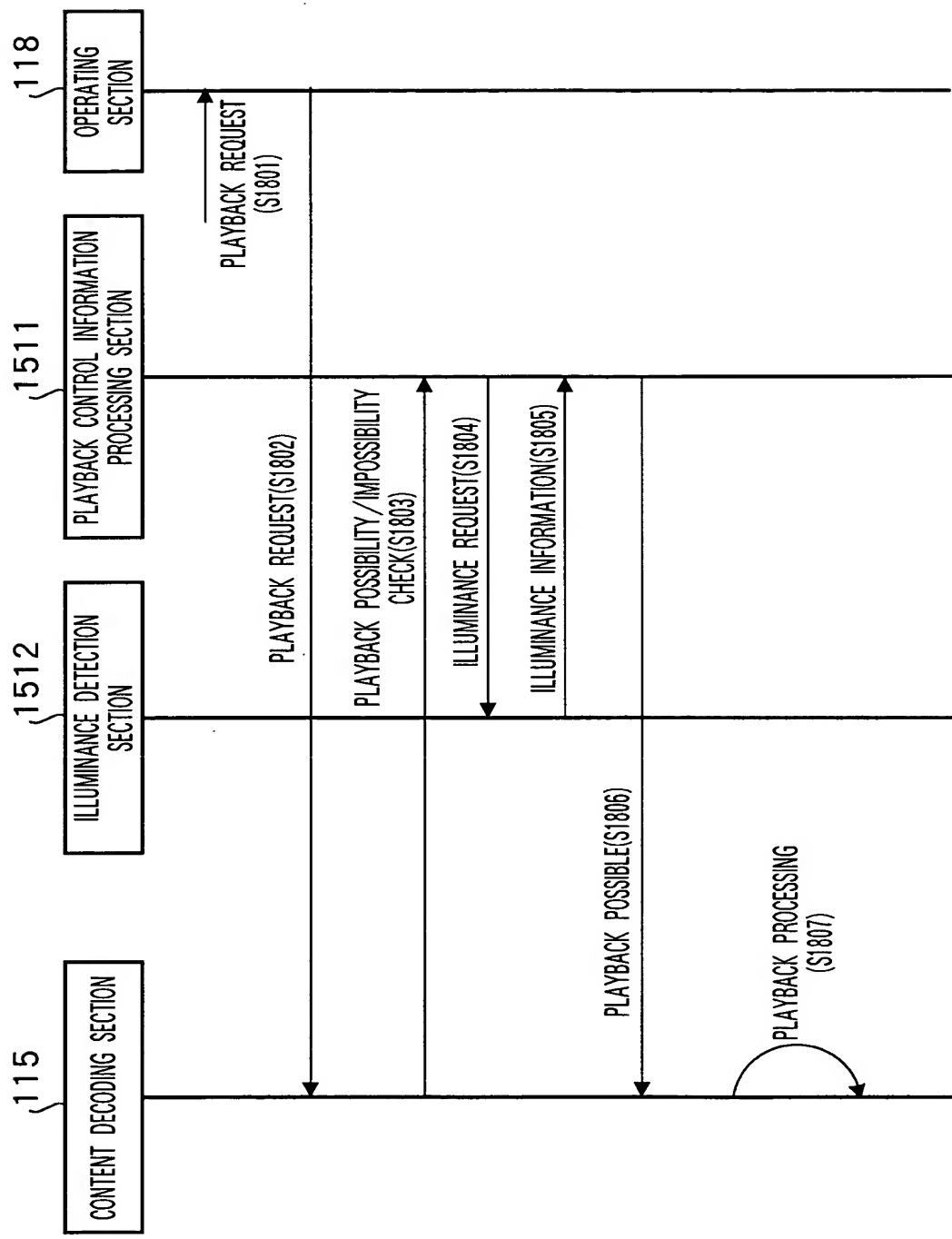


FIG. 18

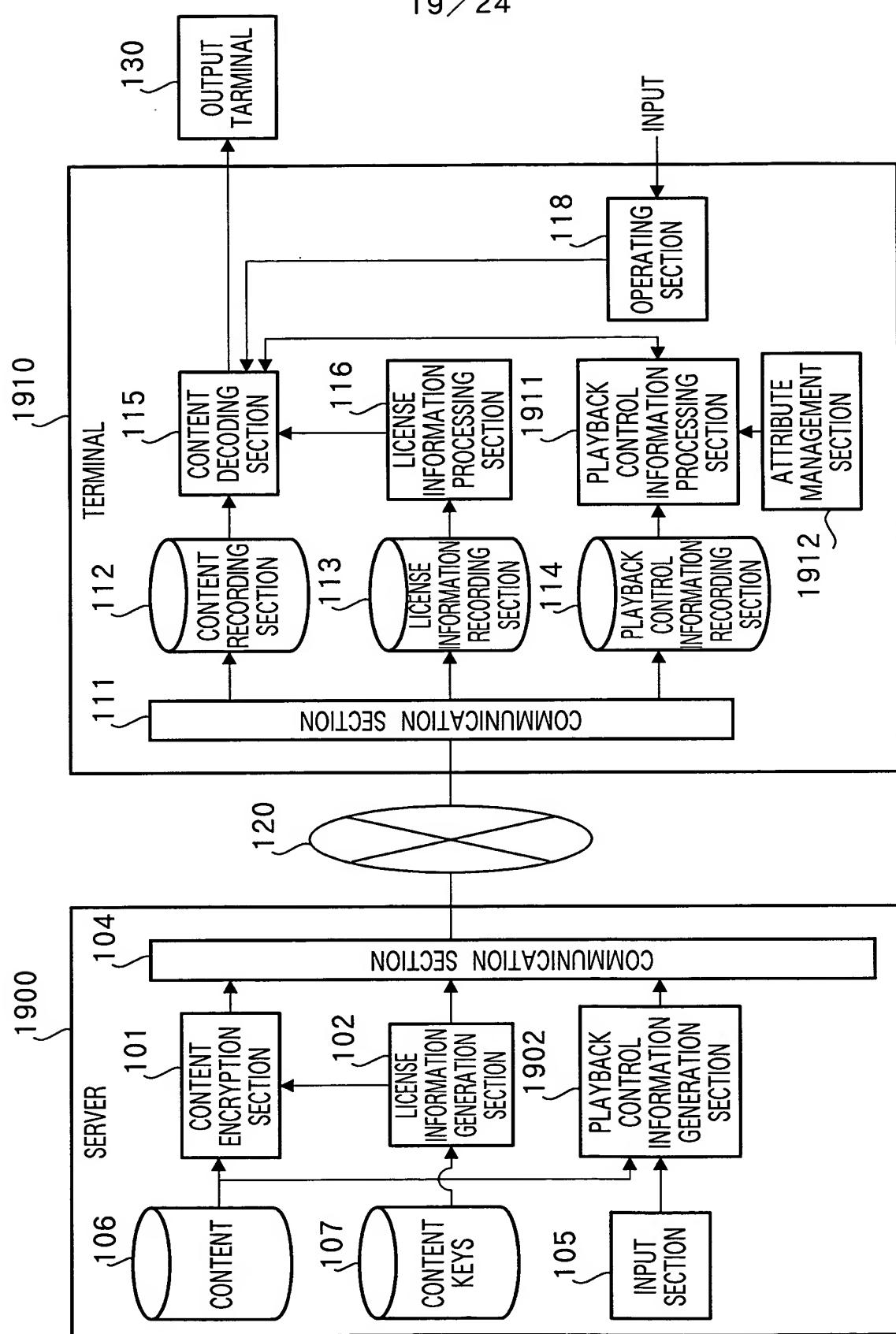


FIG. 19

```

<complexType name="SegmentInformationType">
  <sequence>
    (...)

    <element name="ViewingRestriction" type="ViewingRestrictionType" />
    (...)

  </sequence>
</complexType>

<complexType name="ViewingRestrictionType">
  <sequence>
    <element name="UserAge" type="UserAgeType" />
  </sequence>
</complexType>

<complexType name="UserAgeType">
  <attribute name="enable" type="boolean" use="optional" />
  <attribute name="minimum" type="nonNegativeInteger" use="optional" />
  <attribute name="maximum" type="nonNegativeInteger" use="optional" />
</complexType>

```

2000 2001 2002 2003 2004 2005

FIG.20

```

<SegmentInformation segmentId="S5117353A-F598-4del-968E- ~ 1301
8C3D134C7642">
<ProgramRef crid="crid://sport.com/football/match10"/> ~ 1302
<Description>
  <Title xml:lang="ja">
    Japan vs England(2nd half) ~ 1303
  </Title>
  <Synopsis xml:lang="ja">
    World Cup soccer final ~ 1304
    Japan vs England
    2nd half
  </Synopsis>
</Description>
<SegmentLocator>
  <mpeg7:MediaRelIncrTimePoint media TimeUnit="PT1N25F">
    500000
  </mpeg7:MediaRelIncrTimePoint>
  <mpeg7:MediaIncrDuration media TimeUnit="PT1N25F">
    950000
  </mpeg7:MediaIncrDuration>
</SegmentLocator>
  2103 2102
  <ViewingRestriction>
    <UserAge enable="true" minimum="20" />
  </ViewingRestriction>
</SegmentInformation>

```

FIG.21

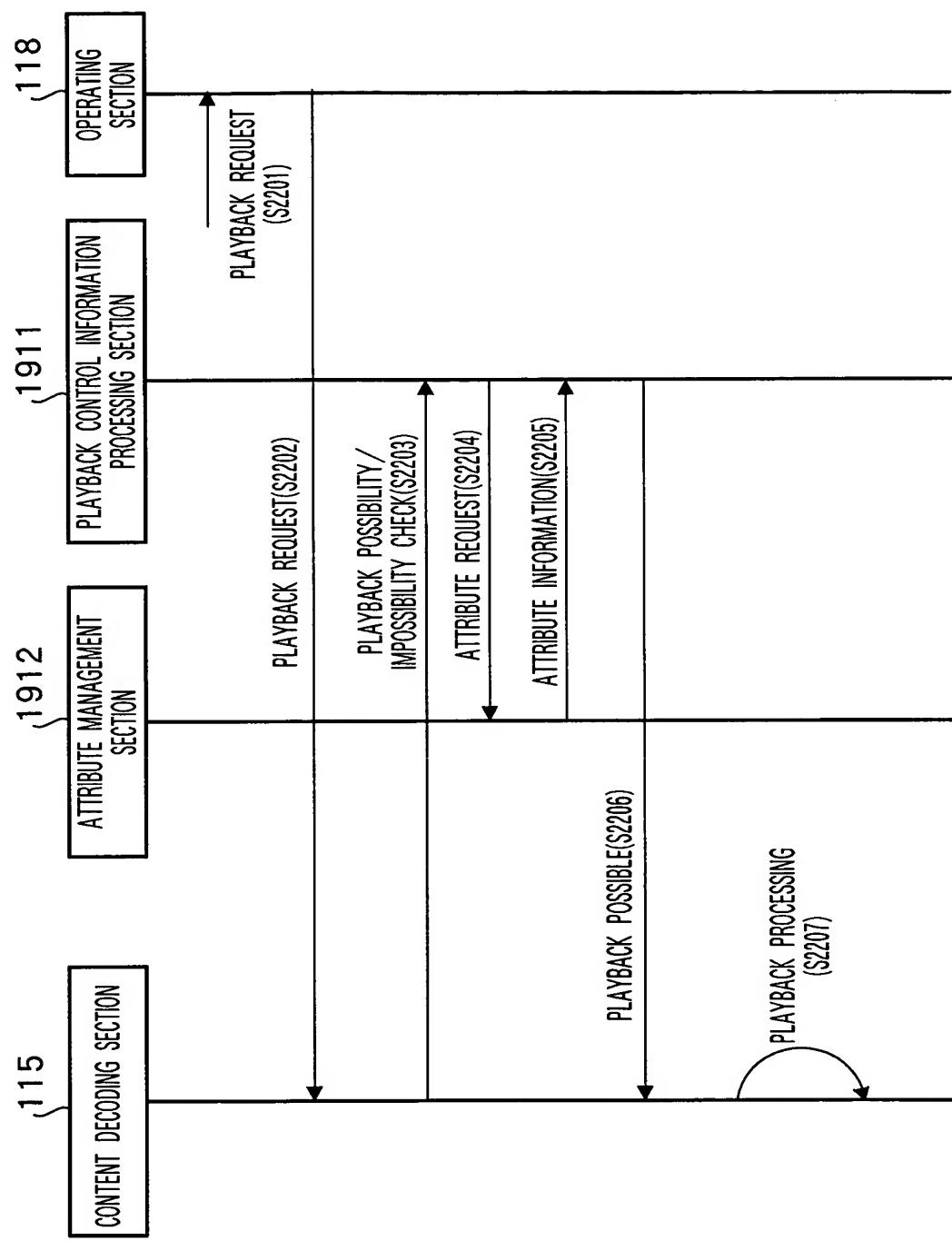


FIG.22

```
<complexType name="SegmentInformationType">
  <sequence>
    (...)

    <element name="ViewingRestriction" type="ViewingRestrictionType" />
    (...)

  </sequence>
</complexType>

<complexType name="ViewingRestrictionType">
  <sequence>
    <element name="Area" type="AreaType" />
  </sequence>
</complexType>

2301
} 2300

<complexType name="AreaType">
  <sequence>
    <element name="enable" type="boolean" use="optional" />
    <element name="name" type="string" use="optional" />
  </sequence>
</complexType>

2302
} 2303
2304
} 2303
```

FIG.23

```

<SegmentInformation segmentId="S5117353A-F598-4de1-968E- 1301
8C3D134C7642">
<ProgramRef crid="crid://sport.com/football/match10"/> 1302
<Description>
  <Title xml:lang="ja">
    Japan vs England(2nd half) 1303
  </Title>
  <Synopsis xml:lang="ja">
    Word Cup soccer final 1304
    Japan vs England
    2nd half
  </Synopsis>
</Description>
<SegmentLocator>
  <mpeg7:MediaRelIncrTimePoint media TimeUnit="PT1N25F">
    500000
  </mpeg7:MediaRelIncrTimePoint>
  <mpeg7:MediaIncrDuration media TimeUnit="PT1N25F">
    1305
    950000
  </mpeg7:MediaIncrDuration>
</SegmentLocator>
  2403
  <ViewingRestriction>
    <Area enable="false" name="Tokyo Kanagawa" />
  <ViewingRestriction>
</SegmentInformation>

```

2400

1305

2401

FIG.24